



Inspection
Sautter Crane Rental

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**Lattice Boom Crane Inspection Report
(1910.180 & 1926.1400-1926.1441 as
necessary)**

Completed by: Billy Ciavaglia on 01/02/2025

Location: USA

Serial #: 134362 S433

| | |
|---------------------------------|--|
| Manufacturer: | Liebherr |
| Model: | LR 1160.1 |
| Capacity: | 200 Tons |
| Length: | 130' |
| Type of Crane: | Crawler Lattice (1910.180 & 1926.1400) |
| Number of Lifting Hoist: | Main & Auxiliary |
| Boom Hoist Setup: | Gantry & Standard Mast |
| Jib: | No Jib |

Priorities Found: **115 - Good**

Location of Equipment

1. Location of Equipment **Sicklerville Nj**

Customer Sign Off

2. Customer Sign Off

IF THERE ARE NO DEFICIENCIES NOTHING NEEDS TO BE DONE.

IF THERE ARE ANY HIGH, RED, DEFICIENCIES PLEASE FOLLOW THE BELOW INSTRUCTIONS

The deficiencies marked HIGH in RED shall be corrected and this report must be dated, signed and email THIS PAGE ONLY to either jaime@atlanticcrane.com or gina@atlanticcrane.com or fax THIS PAGE ONLY to our office at 215-639-2316 and a certification and sticker will be issued. The above deficiencies denoted with (REC, MEDIUM, ORANGE) are recommended and are not required to be corrected to achieve certification. However, those items should be corrected to improve equipment reliability and safety.

The undersigned verifies the listed deficiencies denoted with an (DEF, HIGH, RED) have been corrected.

Signature

Date

Inspection Information

3. Inspection Number **250110201bc**
4. Inspection Date **01/02/2025**
 5. Inspection Type **(Ann) Annual**

Information & Records

6. Documentation of Annual / Comprehensive Inspection **(SAT) Satisfactory**
 7. Hand Signal Chart **(SAT) Satisfactory**
 8. Safety and Warning Labels **(SAT) Satisfactory**
 9. Operator's Manual **(SAT) Satisfactory**

Safety Devices / Operational Aids

10. Audible Reverse Signal Alarm **(SAT) Satisfactory**
 11. Boom Angle Indicator **(SAT) Satisfactory**
 12. Drum rotation indicator **(SAT) Satisfactory**
 13. Two-Block System **(SAT) Satisfactory**

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| | | |
|---------------------------------|--|--------------------|
| ● 14. | Radius Indicator | (SAT) Satisfactory |
| ● 15. | Load Moment Indicator | (SAT) Satisfactory |
| ● 16. | Crane Level Indicator | (SAT) Satisfactory |
| ● 17. | Boom Hoist Limiting Device | (SAT) Satisfactory |
| ● 18. | Fire Extinguisher | (SAT) Satisfactory |
| Load Chart | | |
| ● 19. | Load Chart | (SAT) Satisfactory |
| ● 20. | Per Configuration | (SAT) Satisfactory |
| ● 21. | Durable / Legible/ Secured | (SAT) Satisfactory |
| Crawler Assembly | | |
| ● 22. | Car body/ Side frames | (SAT) Satisfactory |
| ● 23. | Chain, idlers and Sprocket | (SAT) Satisfactory |
| ● 24. | Track Pads, and Pins | (SAT) Satisfactory |
| ● 25. | Travel Steering, Brakes, and Locking Devices | (SAT) Satisfactory |
| Operator's Station | | |
| ● 26. | Windows/Wipers | (SAT) Satisfactory |
| ● 27. | Cab Door Restraint | (SAT) Satisfactory |
| ● 28. | Steps / Ladders / Handrails | (SAT) Satisfactory |
| ● 29. | Horn | (SAT) Satisfactory |
| ● 30. | Anti-Skid Stepping Surfaces | (SAT) Satisfactory |
| ● 31. | Mirrors | (SAT) Satisfactory |
| ● 32. | Decals | (SAT) Satisfactory |
| ● 33. | Electrocution Warning Sign(inside the cab) | (SAT) Satisfactory |
| ● 34. | Swing Brake | (SAT) Satisfactory |
| ● 35. | Positive Swing lock | (SAT) Satisfactory |
| ● 36. | Control Function | (SAT) Satisfactory |
| ● 37. | Air Pressure | (SAT) Satisfactory |
| ● 38. | Performance Indicators (Pressure) | (SAT) Satisfactory |
| ● 39. | Posted Warnings | (SAT) Satisfactory |
| ● 40. | Brake and Clutch | (SAT) Satisfactory |
| ● 41. | Boom Hoist Ratchet and Pawl | (SAT) Satisfactory |
| ● 42. | Accelerator / Throttle | (SAT) Satisfactory |
| ● 43. | Foot Brakes, Latches, and Linkage | (SAT) Satisfactory |
| ● 44. | Operator Cutoff (Deadman) Switch | (SAT) Satisfactory |
| Rotating Upper Structure | | |
| ● 45. | Engine | (SAT) Satisfactory |
| ● 46. | Oil & Fluid Levels | (SAT) Satisfactory |
| ● 47. | Turntable / Bearing | (SAT) Satisfactory |
| ● 48. | Turntable / Rollers | (SAT) Satisfactory |
| ● 49. | Ring and Pinion Gear | (SAT) Satisfactory |
| ● 50. | Hydraulic and Pneumatic Pumps | (SAT) Satisfactory |
| ● 51. | Hydraulic Tubes, Fitting, and Hoses | (SAT) Satisfactory |
| ● 52. | Hydraulic Pressure | (SAT) Satisfactory |
| ● 53. | Covers and Guards | (SAT) Satisfactory |
| ● 54. | Electrical Wiring | (SAT) Satisfactory |
| ● 55. | External Lights | (SAT) Satisfactory |
| ● 56. | Swing System / Assembly | (SAT) Satisfactory |
| ● 57. | Torque Converter | (SAT) Satisfactory |

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| | | |
|-----------------------------------|--|--|
| 58. | Slip resistant walking and stepping surfaces | (SAT) Satisfactory |
| 59. | Steps, Grab rails, and platforms | (SAT) Satisfactory |
| 60. | Access to Cab and Roof | (SAT) Satisfactory |
| 61. | Air System | (SAT) Satisfactory |
| 62. | Counterweight Mounting | (SAT) Satisfactory |
| 63. | Counterweight Warnings Signs | (SAT) Satisfactory |
| 64. | Electrocution Warnings Signs | (SAT) Satisfactory |
| 65. | Structure | (SAT) Satisfactory |
| Hoist System | | |
| 66. | Brakes and Clutch System | (SAT) Satisfactory |
| 67. | Wire Rope Reeving | (SAT) Satisfactory |
| 68. | Meets 2 rope wrap minimum | (SAT) Satisfactory |
| 69. | Motor | (SAT) Satisfactory |
| 70. | Drums/Lagging/Flanges | (SAT) Satisfactory |
| 71. | Clutch and Brake Pad Condition | (SAT) Satisfactory |
| 72. | Anchor System | (SAT) Satisfactory |
| 73. | Drum Spooling | (SAT) Satisfactory |
| Boom | | |
| 74. | Gantry and Mast | (SAT) Satisfactory |
| 75. | Boom Stops | (SAT) Satisfactory |
| 76. | Inner Bail | (SAT) Satisfactory |
| 77. | Outer Bail and Equalizer | (SAT) Satisfactory |
| 78. | Boom Section Sequence | (SAT) Satisfactory |
| 79. | Boom Section Alignment | (SAT) Satisfactory |
| 80. | Warning Labels and Decals | (SAT) Satisfactory |
| 81. | Sheaves | (SAT) Satisfactory |
| 82. | Boom Head Section | (SAT) Satisfactory |
| 83. | Lattice Members | (SAT) Satisfactory |
| 84. | Cord Members | (SAT) Satisfactory |
| 85. | End Connections/Pins | (SAT) Satisfactory |
| 86. | Boom Foot Pins and Keepers | (SAT) Satisfactory |
| 87. | Hoist Line Dead End | (SAT) Satisfactory |
| 88. | Wire Rope Retainers | (SAT) Satisfactory |
| Wire Rope Main Hoist drum | | |
| 89. | Diameter & Wear | |
| | Size: | Construction |
| | 1" | III |
| | | Number of Parts of Line |
| | | 2 |
| 90. | Rope Damage | (SAT) None Visible at Time of inspection |
| 91. | Lubrication | (SAT) Satisfactory |
| 92. | End Connectors | (SAT) Satisfactory |
| Wire rope Auxiliary Drum 1 | | |
| 93. | Diameter & Wear | |
| | Size | Construction |
| | 1" | III |
| | | Number of Parts of Line |
| | | not in use |
| 94. | Rope Damage | (SAT) None Visible at Time of inspection |
| 95. | Lubrication | (SAT) Satisfactory |
| 96. | End Connectors | (SAT) Satisfactory |

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| Wire rope Boom Hoist Drum | | |
|--|------------------------------|--|
| 97. | Diameter & Wear | |
| | Size: | Construction |
| | 1" | Irl |
| 98. | Rope Damage | (SAT) None Visible at Time of inspection |
| 99. | Lubrication | (SAT) Satisfactory |
| 100. | End Connectors | (SAT) Satisfactory |
| Pendants & End connections | | |
| 101. | Diameter & Wear | |
| | Size: | Construction |
| | | steel plate |
| 102. | Pendant Damage. | (SAT) Satisfactory |
| Main Hoist Load Block/Ball & Hook | | |
| 103. | Capacity & Weight | |
| | Capacity | Weight |
| | 40t | 88,100 lbs |
| 104. | Capacity Marking | (SAT) Satisfactory |
| 105. | Weight Marking | (SAT) Satisfactory |
| 106. | Sheave(s) | (SAT) Satisfactory |
| 107. | Safety Latch(es) | (SAT) Satisfactory |
| 108. | 0° Hook Bend or Twist | (SAT) Satisfactory |
| 109. | 5% Hook Opening or 1/4" Max | (SAT) Satisfactory |
| 110. | 10% Hook Wear Max | (SAT) Satisfactory |
| 111. | Swivel | (SAT) Satisfactory |
| 112. | Bearing | (SAT) Satisfactory |
| 113. | Wedge Socket / End Fitting | (SAT) Satisfactory |
| 114. | Reeving | (SAT) Satisfactory |
| Auxiliary Hoist Load Block/Ball & Hook | | |
| 115. | Capacity & Weight | |
| | Capacity | Weight |
| 116. | Capacity Marking | (SAT) Satisfactory |
| 117. | Weight Marking | (SAT) Satisfactory |
| 118. | Safety Latches | (SAT) Satisfactory |
| 119. | 0° Hook Bend or Twist | (SAT) Satisfactory |
| 120. | 5% Hook Opening or 1/4" Max | (SAT) Satisfactory |
| 121. | 10% Hook Wear Max | (SAT) Satisfactory |
| 122. | Swivel / Bearing | (SAT) Satisfactory |
| 123. | Wedge Socket / End Fitting | (SAT) Satisfactory |
| 124. | Reeving | (SAT) Satisfactory |
| Verification and Completion | | |
| 125. | Inspector Name and Signature | Bill Ciavaglia |



126. Additional Inspection Notes

☒ 127. Sticker Given

(Y) Yes, Given on Site